

Title (en)

Shaft support structure for a vehicle

Title (de)

Gabelunterstützungsaufbau für ein Fahrzeug

Title (fr)

Structure d'un arbre d'une partie de pivotement d'un véhicule

Publication

EP 1790561 B1 20080319 (EN)

Application

EP 06021268 A 20061010

Priority

JP 2005338468 A 20051124

Abstract (en)

[origin: EP1790561A1] The invention provides a shaft support structure for a vehicle, capable of enhancing a degree of freedom for setting an assembly process of a to-be-supported body without the necessity of a dedicated tool to be inserted into an internal thread hole. In a shaft support structure for a vehicle, in which a collar (51) is screwed in an internal thread hole (44a) of one of pivot plates (8) attached to a body frame, the collar (51) is tightened using cut grooves (52) formed at one end thereof, a gap between the pivot plates (8) and a pivot pipe (41) as a to-be-supported body are adjusted, and the pivot pipe (41) is supported by the body frame via the support bolt (45), a washer (55) is provided on the seating surface of the head section (48) of the support bolt (45) in the pivot plate (8) on the side where the collar (51) is provided. The washer (55) is provided with projecting portions (56) to be engaged with the cut grooves (52) of the collar (51) and is formed with outer circumferential cut grooves (57) to be engaged with a given rotary tool (59).

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP3466802A1; WO2014144224A1; US9440504B2; US10214066B2; US11260712B2; US11872866B2

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